

1/2/4 Button 5000M Longest Distance Two-way Waterproof RF Remote Control / Transmitter

Feature:

Longest distance, two-way model with feedback function.

Waterproof case with external magnetic sucker antenna, external power socket and power switch.

With a receiver to form a complete set, the distance can reach 5000m which is the longest distance of the transmitter. The distance of 5000m is a theoretical data, it shall be operated in an open ground, no barriers, no any interference. But in the practice, it will be hindered by trees, walls or other constructions, and will be exposed to some interference by other signals. Therefore, the actual distance may or may not reach 5000m.

Two-way model: when the receiver gets the signal of transmitter, it will immediately send a return signal to the transmitter.

When the transmitter receives the feedback signal of receiver, it will exude a buzzing sound.

Waterproof case with external telescopic antenna.

If you stretches the external telescopic antenna, it can have a further working range, which is twice as much as it used to be.

Length of External Telescopic Antenna: 100mm / 460mm (stretch)

The transmitter has further working range with external telescopic antenna.

With SMA connector

Feedback function: can let the user know whether he/she had already connect the transmitter and receiver successfully in such a long distance.

Use Spread Spectrum Communication Technology that can highly improve anti-interference capacity.

America imported chips for ensuring reliability and assuring the high quality of the products.

Uses: Household control products, agricultural control products and industrial control products. Wireless remote control products on land, water and air, especially in a long distance, such as farm, pasture, offshore unmanned operation, field call, remote security alarm.

Controller/Transmitter	0021063 (CCW-1)	0021064 (CCW-2)	0021066 (CCW-4)
Button	1	2	4
Weight	170g	180g	190g
Shell Color	Grey		
Button	No Symbol		
Unit Size	100mm x 68mm x 50mm		
Weight	195g		
Operating Voltage	9V (6F-22 9V battery)		
Working Current	65 mA/16mA (transmit / receive a signal)		
Standby Current	5μA		
Operating Frequency	433.92MHz		
Transmitting Distance	5000m (theoretically)		
Operating Temperature	-10 ° C to +70 ° C		
Feedback indication	Buzzing Sound		
Encoding Type	Custom Code		
Modulation Mode	FSK+LORA		

Notice:

Those transmitters can be used only with 5000m series RF receivers, like model S1PUW-DC12-ANT2, S2PUW-DC12-ANT2, S1PUW-AC220-ANT2, S2PUW-AC220-ANT2, S4PUW-DC12-ANT2, S4PUW-AC220-ANT2, ect. For example, if you choose to set Toggle mode or Momentary mode with 1 channel receiver (S1PUW-DC12-ANT2 or S1PUW-AC220-ANT2), you just need to use one button transmitter (CCW-1) to control it. Otherwise, if you choose to set Latched mode, you should use two buttons transmitter (CCW-2) to control receiver. If you choose to set Toggle mode or Momentary mode with 2 channels receiver (S2PUW-DC12-ANT2 or S2PUW-AC220-ANT2), you can use two buttons transmitter (CCW-2) to control it. Otherwise, if you choose to set Latched mode, you can use four buttons transmitter (CCW-4) to control receiver. If you choose to set Toggle mode or Momentary mode with 4 channels receiver (S4PUW-DC12-ANT2 or S4PUW-AC220-ANT2), you need to use four buttons transmitter (CCW-4).

How to set the two-way model (with the receiver):

If you want to have a feedback function, do as followings:

- 1) Connect "J1" on the transmitter circuit board.
- 2) Press the button of the transmitter, the transmitter will send a signal to the receiver, when the receiver gets the signal, it will immediately send a return signal to the transmitter.
- 3) When you release the button on the transmitter, it will immediately receive the feedback signal of the receiver within 1 second, if the transmitter exuded a buzzing sound like "D~" which means it receive the feedback signal successfully.
- 4) After 1 second, the transmitter will turn back to standby.
- 5) If you don't want to have such function: disconnect "J1" on the transmitter circuit board.
- 6) Please turn off the power supply if you don't use the transmitter for a long time.



0021063 (CCW-1)



0021064 (CCW-2)



0021066 (CCW-4)